Index of Claims

| App | lica | ition | /Con | trol | No. |
|-----|------|-------|------|------|-----|
|     |      |       |      |      |     |

10/805,812 Examiner

Quan Tra

Applicant(s)/Patent under Reexamination

PEREZ, RAUL ALEJANDRO

Art Unit

2816

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Claim Date   |          |                 |          | Claim Date |  |                 |                |   |   |                | CI   | aim      | Date     |   |             |                                |           |                  |   |      |       |          |               |               |              |              |          |          |          |           |
|--------------|----------|-----------------|----------|------------|--|-----------------|----------------|---|---|----------------|--|----------|----------|---|-------------|--------------------------------|-----------|------------------|---|------|-------|----------|---------------|---------------|--------------|--------------|----------|----------|----------|-----------|
|              |          | IO.             |          |            |  |                 | П              |   | $\neg$  | <b>-</b>       |  |          | П        | T   |             | T                              |           | T                | $\top$                                  |      |       |          |               |               |              |              |          |          |          | П         |
| Final        | Original | 10/28/05        |          |            |  |                 |                |   | ı   |                | न  | Original |          |   | - 1         |                                |           |                  |   |      | त्त   | Original | i I           |               |              |              |          |          |          |           |
| ⊒نا          | Ē        | 12              |          | 1          |  |                 |                |   |   |                | Final  | rigi     |          |   |             |                                |           |                  |   |      | Final | <u>.</u> |               |               |              |              |          |          |          | l         |
| -            | 0        | ۲               |          |            |  |                 |                |   |   |                | -  | Õ        |          |   | - 1         |                                |           |                  |   |      | _     | õ        |               |               |              |              |          |          |          | ı         |
|              | 1        | v               | $\vdash$ | 十          | -+   | $\dashv$        | +              | +   | +-  | -              | <del>                                     </del> | 51       | $\vdash$ | -   | <del></del> | +                              | -         | +                | +                                       |      |       | 101      | -             |               | ╁            | ⊢            | $\vdash$ | Н        | $\dashv$ | Н         |
| $\vdash$     | 2        | •               | -        | $\dashv$   | +  | $\dashv$        | +              | +   | +   | -              | <u> </u>   |          | ┝        | +   | -           | +                              | -         | +                | +                                       |      |       |          | $\dashv$      |               | ╁            | ⊢            |          | -        | $\vdash$ | $\vdash$  |
| }—           | 3        | ٧               | Н        | -          | +  | +               | +              | -+-   | - -   | -              |  | 52       |          | +   | -           | +                              | <u>.</u>  | -                |   |      |       | 102      |               |               | ╀            | ┞            | ļ.,      | Ш        | _        | Н         |
|              |          | ٧               | -        | -          | +  | $\dashv$        | +              | +   | +   | -              | <u> </u>   | 53       |          | -   |             | $\perp$                        | _         | +                | _                                       |      |       | 103      |               |               | _            | ₽.           | <u> </u> | <u> </u> |          | Ш         |
| <u> </u>     | 4        | ٧               |          | -          |  | -               | +              | -   | +   | -              |  | 54       |          | _   | +           | $\perp$                        |           | _                |   |      |       | 104      | Щ             | _             | ļ            | <u> </u>     | <u> </u> | Ш        |          | Ш         |
| <u> </u>     | 5        | ٧               | Ш        | $\dashv$   | $\dashv$   | -               |                | _   | - -   | 4              |  | 55       | _        | 4   |             | ↓_                             | _         | _                |   |      |       | 105      |               |               | _            | _            | <u>L</u> | Ш        |          | L.        |
|              | 6        | ٧               |          | _          | _  | _               | _              | $\perp$   | $\perp$   | 4              |  | 56       | Ш        | _   | _           | $oldsymbol{\perp}$             |           | ٠                |   |      |       | 106      |               | _             |              | <u> </u>     | _        |          |          |           |
|              | 7        | ٧               |          | _          | _  |                 | _              | $\perp$   |   | _              |  | 57       |          | 4   | _           |                                | _         | _ _              |   |      |       | 107      | Ш             |               | 1_           |              |          | Ш        |          |           |
|              | 8        | ٧               | $\dashv$ | _          | _  |                 | _              |   |   | _              |  | 58       | Ш        |   | $\perp$     |                                |           |                  |   |      |       | 108      |               |               |              |              |          |          |          |           |
|              | 9        | 0               |          | _          |  |                 | _              |   |   | _              |  | 59       |          |   |             |                                |           | ┸                |   |      |       | 109      |               | _             |              |              |          |          |          |           |
|              | 10       | ٧               |          |            | $\perp$  |                 | ┙              |   |   | _              |  | 60       |          |   |             |                                |           |                  |   |      |       | 110      |               |               |              |              |          |          |          |           |
|              | 11       | ٧               | Ш        |            | $\Box$   | $\Box$          | $\perp \Gamma$ | $oxed{\int}$                                      | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                |  | 61       | LŢ       | T   |             |                                | T         |                  |   |      |       | 111      |               |               |              | Π            | Π        | П        |          | $\Box$    |
|              | 12       | v               |          |            | T  | T               | _[             | T   |   | ]              |  | 62       |          | T   |             |                                |           | Т                |   |      |       | 112      |               |               | Τ            |              |          | П        | $\neg$   |           |
|              | 13       | ٧               |          | $\top$     | T  |                 | Т              |   |   | 7              |  | 63       |          |   | 1           |                                |           |                  |   |      |       | 113      |               |               | 1            | Ī            |          | $\Box$   | 一        | П         |
| Г            | 14       | v               |          | $\neg$     |  | $\neg$          | _              | $\top$  |   | 7              |  | 64       | Ħ        | 十   | $\neg$      |                                | $\dashv$  | $\top$           | 1                                       |      |       | 114      | $\Box$        | $\dashv$      | T            | T            | $\vdash$ | H        | $\dashv$ | $\dashv$  |
|              | 15       | 0               | $\Box$   | $\dashv$   | 十  | $\neg \vdash$   | $\dashv$       | T   | 1   | 7              |  | 65       | $\Box$   | _   |             |                                | _         | +-               |   |      |       | 115      | $\vdash$      | $\top$        | $\dagger -$  | $t^-$        | $\vdash$ | Н        | $\dashv$ | Н         |
|              | 16       | v               | Ħ        | T          | T  | $\neg \uparrow$ | $\dashv$       | $\top$  | $\top$  | 7              |  | 66       | $\vdash$ | -   | $\top$      |                                |           | $\dashv$         | $\top$                                  |      |       | 116      | $\Box$        | +             | +-           | T            |          | H        | $\dashv$ | $\dashv$  |
|              | 17       | v               |          | $\dashv$   | $\dashv$   | _               | $\top$         | 1   | 1   | 7::::          |  | 67       | $\dashv$ | -   | +           |                                |           | ┪                |   |      |       | 117      | $\neg$        | +             | +-           | ╁            |          |          | $\dashv$ | $\vdash$  |
|              | 18       | v               |          | 十          | $\dashv$   | _               | ┰              | $\pm$   | ╅   | <b>⊣</b> !!!!! |  | 68       | -        | ╅   | _           | +                              | +         | +-               | +                                       |      |       | 118      | $\dashv$      | +             | +-           | ┼─           | $\vdash$ | H        | $\dashv$ | $\dashv$  |
|              | 19       | v               | $\vdash$ | $\dashv$   | +  | $\dashv$        | +              |   | +   | -{:::::        |  | 69       | -        | +   |             | +                              | +         | +                | +                                       |      |       | 119      | $\dashv$      | +             | -            | ├            | ├        | H        | $\dashv$ | $\dashv$  |
| <del></del>  | 20       | v               |          | $\dashv$   | +  | +               | +              | -   | +   | -              |  | 70       | $\vdash$ | $\dashv$  |             | +                              | +         | ┿                | +                                       |      |       |          | $\dashv$      | _             | +            | -            | ┝        | Н        | $\dashv$ | ႕         |
| <u> </u>     | 21       | ۲               | $\dashv$ | $\dashv$   | +  | $\dashv$        | +              | -   | +   | -{:::::        |  |          | -        | +   | +           | ╁╌                             | +         | +-               | +                                       |      |       | 120      | $\dashv$      | _             | <del> </del> | ├            | _        | Н        | $\dashv$ | $\dashv$  |
| <u> </u>     |          |                 | $\dashv$ | +          | +  |                 | $\dashv$       | -   | +   | -              |  | 71       | -        |   | -           | 1                              |           |                  |   |      |       | 121      | 1             |               | 4_           | ┡            | $\vdash$ |          | $\dashv$ |           |
| <u> </u>     | 22       | _               |          | $\dashv$   | -+   |                 | -+             | +   | +   | -              |  | 72       |          | -   |             | ╄                              | -         | +                | $\bot$                                  |      |       | 122      | _             |               |              | ļ.,          | _        | _        | $\dashv$ | $\square$ |
| <u> </u>     | 23       |                 | $\dashv$ | 4          | 4  | $\dashv$        | 4              | _   | -   | -              |  | 73       | _        | 4   |             |                                |           | 4                | $\bot$                                  |      |       | 123      | Ц             |               | ļ.,          |              | Ш        | Щ        | _        | Ш         |
|              | 24       | _               |          | _          | 4  | -               | _              |   |   | -              |  | 74       | _        | _   |             | $\perp$                        |           | 1                |   |      |       | 124      |               |               |              | <u> </u>     |          | Ш        | $\Box$   | ┙         |
|              | 25       |                 |          | _          |  |                 | _              | _   |   | 4              |  | 75       |          | $\perp$   |             | Ш                              | _         | ᆚ                |   |      |       | 125      |               |               |              | <u> </u>     |          |          |          |           |
|              | 26       |                 |          | _          | _  | _               | 4              |   |   | _              |  | 76       |          | $\perp$   |             |                                |           | ┸                |   |      |       | 126      |               | _ i .         |              |              |          |          |          |           |
|              | 27       | Ш               |          |            |  |                 |                |   |   | _              |  | 77       |          |   |             |                                | _1_       |                  |   |      |       | 127      |               |               |              |              |          |          |          |           |
|              | 28       | <u>L</u>        |          |            |  |                 |                |   |   | _              |  | 78       |          |   |             |                                |           |                  |   |      |       | 128      |               |               |              | Π            | П        | П        | П        |           |
|              | 29       |                 |          |            |  |                 |                |   |   | ]              |  | 79       |          |   |             |                                |           |                  |   |      |       | 129      |               |               |              |              |          |          | $\neg$   | П         |
|              | 30       |                 |          |            |  |                 |                |   |   |                |  | 80       |          |   |             |                                |           |                  |   |      |       | 130      |               |               | 1            |              |          |          | $\neg$   |           |
| Ĺ            | 31       |                 |          | Т          | П  | Т               | Т              | Т   |   |                |  | 81       |          |   | $\neg$      | П                              |           |                  |   |      |       | 131      |               |               | T            |              |          |          | コ        | $\neg$    |
|              | 32       |                 |          | T          |  |                 | T              | $\neg$  | $\top$  | 7              |  | 82       |          | 丁   |             | $\Box$                         |           | $\top$           |   |      |       | 132      |               | $\neg$        | 1            | 1            |          |          | ヿ        | コ         |
|              | 33       |                 |          |            |  | П               | Т              | $\neg \vdash$                                     | Т   |                | П  | 83       |          | T   | 1           | $\Box$                         | $\neg$    | 1                |   |      |       | 133      | $\neg$        |               | 1            |              |          | $\Box$   | $\neg$   | ヿ         |
|              | 34       |                 |          | T          | 7  | $\neg$          | $\neg$         | $\top$  |   | 7              |  | 84       |          | T   | 1           | $\top$                         | $\neg$    | ┪                | $\top$                                  |      |       | 134      | $\neg$        | -             | 1            | T            | Н        | $\vdash$ | 一        | $\dashv$  |
|              | 35       |                 |          |            | $\neg$   | $\top$          | 7              | 1   | $\top$  | 1              | $\Box$   | 85       |          | $\top$  | 1           | $\dagger$                      | 1         | 1                | $\top$                                  |      |       | 135      |               | $\neg \vdash$ | T            | H            | Н        | $\vdash$ | -+       | $\dashv$  |
|              | 36       |                 | T        | T          | $\top$   | 7               | $\top$         | $\neg$  | $\top$  | 1              | H  | 86       | $\vdash$ | $\top$  | $\top$      | 1 1                            | $\top$    | +-               | 1                                       |      |       | 136      | 一             | $\dashv$      | +            | $\vdash$     | $\vdash$ |          | $\dashv$ | $\dashv$  |
|              | 37       | Н               | $\dashv$ | $\dashv$   | $\top$   | $\top$          | 十              | 十   | $\top$  | 1              |  | 87       | +        | +   | $\dashv$    | 1 1                            | -         | +                | +                                       |      |       | 137      | $\dashv$      | $\dashv$      | +            | $\vdash$     | H        | -        | $\dashv$ | $\dashv$  |
|              | 38       | Н               | $\dashv$ | $\dashv$   | $\dashv$   | +               | 十              | +   | +   | 1              | $\vdash$   | 88       | $\dashv$ | +   | +           | +                              | $-\vdash$ | +                | +                                       |      |       | 138      |               |               | +            | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$     | 39       | $\vdash$        | -+       | $\dashv$   | +  | $\dashv$        | +              | ╁   | ╅   | -              | $\vdash$   | 89       | -+       | +   | $\dashv$    | +-                             | -         | +                | +                                       |      |       | 139      | $\dashv$      | - -           | +-           | -            | Н        | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u>     | 40       | $\vdash$        | $\dashv$ | $\dashv$   | +  | +               | +              | +   | +   | -              | $\vdash$   | 90       | +        | +   | +           | +                              | -         | +                | +                                       |      |       |          | $\dashv$      | +             | ╀            | H            | $\vdash$ |          | $\dashv$ |           |
| $\vdash$     | 4.4      | Н               | $\dashv$ | $\dashv$   | +  | $\dashv$        | +              | +   | +   | -              | $\vdash \vdash$                                  |          | +        |   | +           | ++                             | -         | +                | $\dashv$                                |      |       | 140      | $\rightarrow$ | +             | ┼            | <u> </u>     | Н        | $\vdash$ | $\dashv$ | ᆜ         |
| ├─┤          | 41       | $\vdash\vdash$  | -+       | +          | ╬  | +               | +              | +   | +   | -              | $\vdash$   | 91       | -+       | +   |             | +-                             | +         | +-               | +                                       |      |       | 141      |               | -             | ┼            | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$     |          | $\vdash$        | $\dashv$ | +          | +  | +               | +              | +   | +-  | -              |  | 92       |          | -   |             | +                              | +         | +-               | +                                       |      |       | 142      | ļ             |               | ↓_           | Щ            | $\sqcup$ | $\Box$   | _        | _         |
| <u> </u>     | 43       | $\vdash \dashv$ | $\dashv$ | +          | +  | +               | +              | +   | +   | -              | <b>  </b>  | 93       | -        | +   | $\dashv$    |                                | $\dashv$  | +-               | +                                       |      |       | 143      | _             |               | ↓_           |              | $\sqcup$ |          |          | $\sqcup$  |
| $\vdash$     | 44       | $\vdash \vdash$ | 4        | _          | +  | +               | +              | +   | +   | 4              | <b></b>  | 94       | _        | 4   | -           | $\sqcup$                       | -         | +                | 44                                      |      |       | 144      | _             |               | <u> </u>     | <u> </u>     | Ш        |          |          | $\sqcup$  |
| Ь—           | 45       | $\vdash \dashv$ | 4        | $\dashv$   | +  | 4               | $\bot$         | 4   | $\perp$   | 4              |  | 95       |          | $\perp$   | 4-          | $\sqcup$                       |           | $\perp$          | $\perp$                                 | L    |       | 145      | _             |               | ┖            | <u> </u>     | Ш        |          |          |           |
| <u> </u>     | 46       |                 | 4        | 4          | +  | _               | 4              | $\bot$  | $\perp$   | 4              |  | 96       | $\dashv$ | _   |             | $\bot$                         | _         | 1                | $\perp \perp$                           |      |       | 146      |               |               | L            | $oxed{oxed}$ | Ш        | ]        |          |           |
|              | 47       |                 | _        | 4          | 4  | _               | 4              | _ _   | _   | 4              |  | 97       |          | $\perp$   | $\bot$      | $oldsymbol{oldsymbol{\sqcup}}$ |           | $\perp$          | لــــــــــــــــــــــــــــــــــــــ | :::[ |       | 147      | [             |               | L            |              | ШI       | [        | _[       | ]         |
|              | 48       |                 | _        | $\perp$    | $\perp$  |                 | $\perp$        |   |   |                | I  | 98       |          | $\perp$   |             | $oxed{\Box}$                   |           | ╧                |   |      |       | 148      | $\Box$        |               |              |              |          |          | T        |           |
| $oxed{oxed}$ | 49       |                 |          | $\perp$    |  | $\perp$         |                | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ┸   |                | [  | 99       | $\prod$  |   |             |                                |           | $\Box$           |   |      |       | 149      |               |               | Γ            | $\Box$       |          | $\neg$   | $\neg$   | $\neg$    |
| Ll           | 50       |                 | (        |            | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $oxed{\Box}$    |                |   | $\perp$   | إ              |  | 100      | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |             |                                |           | $\mathbf{I}^{-}$ |   |      |       | 150      |               |               |              |              |          |          | 丁        | $\neg$    |